

Converting Colors

$Yxy(64.3489, 0.3373, 0.3744)$

Have a look what the booklet for
Yxy(64.3489, 0.3373, 0.3744)
contains.

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Color

Yxy(64.3461, 0.3377, 0.3746)

Conversions

Conversions Part 1

Format	Color
Hex	D2D5AE
RGB	210, 213, 174
RGB Percent	82%, 84%, 68%
CMY	0.1766, 0.1647, 0.3175
CMYK	0.01, 0.00, 0.18, 0.16
HSL	65°, 32%, 76%
HSV	65°, 18%, 84%
XYZ	58.0077, 64.3461, 49.4190
YIQ	207.6570, 10.7310, -12.7650

Conversions

Conversions Part 2

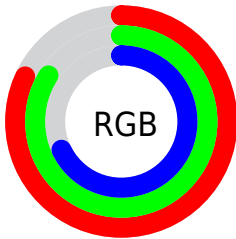
Format	Color
RYB	174, 213, 177
Decimal	13817262
CIELab	84.15, -7.55, 18.96
CIELCh	84, 20.410, 111.696
Yxy	64.3461, 0.3377, 0.3746
Android (android.graphics.Color)	4292007342 (0xFFD2D5AE)
YUV	207.6570, -16.5929, 2.0548
Hunter-Lab	80.2160, -11.2969, 19.6242

Details

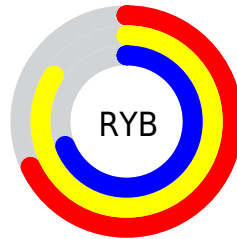
The Yxy color **64.3461, 0.3377, 0.3746** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.4418, 0.2851, 0.2797**, and the grayscale version is **62.9469, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4932, 0.3274, 0.3532**, and **32.8028, 0.3440, 0.3865** is the 20% darker color. If you saturate the color by 10%, you get **63.3400, 0.3514, 0.4002**, and if you desaturate by 10%, it is **65.4922, 0.3239, 0.3493**.

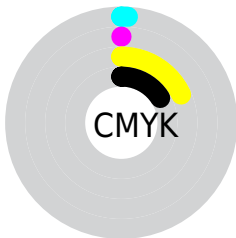
Distribution



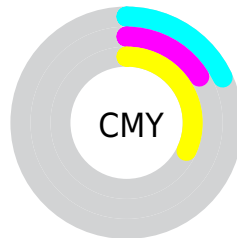
- Red (82%)
- Green (84%)
- Blue (68%)



- Red (68%)
- Yellow (84%)
- Blue (69%)



- Cyan (1%)
- Magenta (0%)
- Yellow (18%)
- Black (16%)



- Cyan (18%)
- Magenta (16%)
- Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.3461, 0.3377, 0.3746 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the Yxy color 64.3461, 0.3377, 0.3746 by changing the saturation by 10% instead.

■ 64.3461, 0.3377,
0.3746

■ 64.3461, 0.3377,
0.3746

440.4384, 0.3261,
0.3527

■ 46.9311, 0.3403,
0.3798

■ 111.1092, 0.3337,
0.3669

■ 32.9812, 0.3436,
0.3863

141.2261, 0.3321,
0.3639

■ 22.1120, 0.3477,
0.3947

176.3457, 0.3307,
0.3614

■ 13.9392, 0.3530,
0.4059

216.8524, 0.3296,
0.3592

■ 8.0784, 0.3601,
0.4215

263.1306, 0.3285,
0.3572

■ 4.1452, 0.3699,
0.4448

315.5648, 0.3276,

■ 1.7551, 0.3951,

0.3556

0.4974

374.5392, 0.3268,
0.3541

0.4589, 0.3545,
0.6455

0.0000, 0.0000,
0.0000

64.3461, 0.3377,
0.3746

64.3461, 0.3377,
0.3746

63.3400, 0.3514,
0.4002

65.4922, 0.3239,
0.3493

62.4591, 0.3646,
0.4253

66.7756, 0.3105,
0.3250

61.6996, 0.3768,
0.4489

68.2045, 0.2976,
0.3019

61.0542, 0.3873,
0.4700

69.5086, 0.2881,
0.2847

60.5147, 0.3956,
0.4877

69.7641, 0.2892,
0.2848

60.0720, 0.4014,
0.5012

70.0222, 0.2903,
0.2850

59.7151, 0.4046,
0.5104

70.2829, 0.2915,
0.2851

59.4280, 0.4055,
0.5154

70.5462, 0.2926,
0.2852

59.3821, 0.4056,
0.5162

70.8121, 0.2937,
0.2854

Harmonies

Analogous

The Analogous color harmony consists of three colors that are next to each other on the color wheel.



64.3461, 0.3567, 0.3677



64.3461, 0.3377, 0.3746



64.3461, 0.3125, 0.3683

Triad

The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



64.3461, 0.3377, 0.3746



64.3461, 0.2642, 0.3039



64.3461, 0.3369, 0.3090

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



64.3461, 0.3377, 0.3746



44.4418, 0.2851, 0.2797

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.3461, 0.3113, 0.2936



64.3461, 0.3377, 0.3746



64.3461, 0.2700, 0.2900

Square

The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



64.3461, 0.3377, 0.3746



64.3461, 0.2707, 0.3259



64.3461, 0.2869, 0.2866



64.3461, 0.3565, 0.3296

Rectangle

The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



64.3461, 0.3377, 0.3746



64.3461, 0.2957, 0.3571



64.3461, 0.2869, 0.2866



64.3461, 0.3287, 0.3031

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



64.3489, 0.3377, 0.3746



99.0175, 0.3195, 0.3413



48.5011, 0.3475, 0.3322



21.1652, 0.3205, 0.3430



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.3489, 0.3377, 0.3746



96.0777, 0.3431, 0.3846



61.7178, 0.3230, 0.3768



14.4683, 0.3255, 0.3521



36.2889, 0.4058, 0.5160



2.2037, 0.4083, 0.5140

Inverse Universe

The Inverse Universe completely reimagines the original color for something new.



44.4418, 0.2851, 0.2797



60.7567, 0.2783, 0.2677



46.8382, 0.3006, 0.2819



12.0546, 0.2993, 0.3050



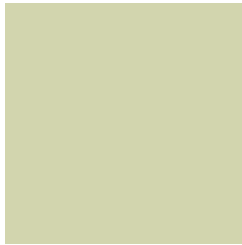
3.0227, 0.1527, 0.0615



0.1988, 0.1608, 0.0659

Previews

White Background



This preview shows how the Yxy color 64.3461, 0.3377, 0.3746 looks on a white background.

Color Contrast Check

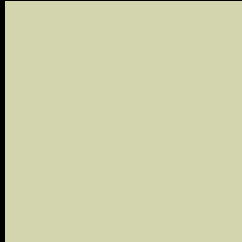
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 64.3461, 0.3377, 0.3746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

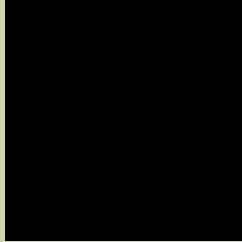
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

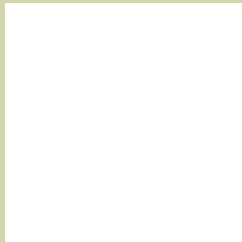
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 64.3461, 0.3377, 0.3746

Background



This preview shows how black text looks on a background with the Yxy color 64.3461, 0.3377, 0.3746.



This preview shows how white text looks on a background with the Yxy color 64.3461, 0.3377, 0.3746.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

64.3461, 0.3377, 0.3746

Protanopia

64.1091, 0.3496, 0.3712

Deuteranopia

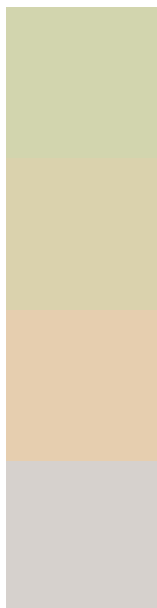
64.2529, 0.3646, 0.3573



Tritanopia

64.2220, 0.3091, 0.3102

Trichromacy



Original Color

64.3461, 0.3377, 0.3746

Protanomaly

64.0157, 0.3454, 0.3716

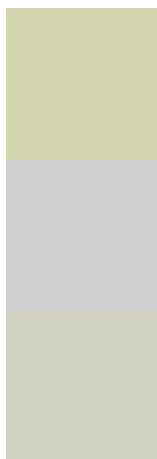
Deuteranomaly

64.0608, 0.3545, 0.3637

Tritanomaly

64.3048, 0.3193, 0.3336

Monochromacy



Original Color

64.3461, 0.3377, 0.3746

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

63.6340, 0.3217, 0.3452

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.3461, 0.3377, 0.3746 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color `rgb(210, 213, 174)` looks like.

```
.text, #text, p{  
    color:rgb(210, 213, 174)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(210, 213, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 213, 174) }
```

Border

The CSS property to change the border of an element to Yxy 64.3461, 0.3377, 0.3746 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(210, 213, 174) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(210, 213, 174) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(210, 213, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 213, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 213, 174);  
box-shadow:4px 4px 4px 4px rgb(210, 213,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 64.3461, 0.3377, 0.3746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 213, 174) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(210,  
213, 174) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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